

## ABSTRACT

The interference suppression filter and lightning current diverter device (1) comprises an inner conductor (3) and a housing (2) disposed approximately coaxially with it. At both ends of the housing (2) connectors (7, 8) are provided for the connection of coaxial lines. Coaxially with the inner conductor (3) is disposed in a hollow space (32) at least one pair of two lines (5, 6), which form a connection between inner conductor (3) and housing (2). The two lines (5, 6) are disposed parallel and spaced apart from one another, the directions of flow of the currents in the two lines (5, 6) being directed counter to one another. This configuration permits the improved diversion of interference pulses or interference signals to ground, and residual voltages and residual energies are largely eliminated.

(Fig. 1)